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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:10:31 ; Search time 90.075 Seconds
(without alignments)
870.667 Million cell updates/sec

Title: US-09-887-855-2_COPY_25_227
Perfect score: 1100
Sequence: 1 RLLSGQPVCRGGTQPCYKV.....EEDAKKTFKESREAAALNLAY 203

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1726218 seqs, 386331768 residues

Total number of hits satisfying chosen parameters: 1726218

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1100	100.0	206	9 US-09-887-855-5	Sequence 5, Appli
2	1100	100.0	374	9 US-09-887-855-2	Sequence 2, Appli
3	1100	100.0	374	14 US-10-149-819-15	Sequence 15, Appl
4	1100	100.0	374	15 US-10-094-749-2090	Sequence 2090, Ap
5	1100	100.0	374	15 US-10-264-237-2579	Sequence 2579, Ap
6	1100	100.0	374	16 US-10-648-593-148	Sequence 148, App
7	1100	100.0	387	15 US-10-296-115-1311	Sequence 1311, Ap
8	1096	99.6	374	15 US-10-094-749-2142	Sequence 2142, Ap
9	1090	99.1	374	15 US-10-351-334-166	Sequence 166, App
10	1086	98.7	382	9 US-09-909-320-137	Sequence 137, App
11	1086	98.7	382	9 US-09-909-088B-137	Sequence 137, App

12	1086	98.7	382	9 US-09-905-291A-137	Sequence 137, App
13	1086	98.7	382	9 US-09-902-853-137	Sequence 137, App
14	1086	98.7	382	9 US-09-907-824-137	Sequence 137, App
15	1086	98.7	382	9 US-09-907-841-137	Sequence 137, App
16	1086	98.7	382	10 US-09-904-011-137	Sequence 137, App
17	1086	98.7	382	10 US-09-903-640-137	Sequence 137, App
18	1086	98.7	382	10 US-09-908-093-137	Sequence 137, App
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20	1086	98.7	382	10 US-09-906-838-137	Sequence 137, App
21	1086	98.7	382	10 US-09-907-613-137	Sequence 137, App
22	1086	98.7	382	10 US-09-907-942-137	Sequence 137, App
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24	1086	98.7	382	10 US-09-909-204-137	Sequence 137, App
25	1086	98.7	382	10 US-09-904-820-137	Sequence 137, App
26	1086	98.7	382	10 US-09-904-786-137	Sequence 137, App
27	1086	98.7	382	10 US-09-906-646-137	Sequence 137, App
28	1086	98.7	382	10 US-09-906-700-137	Sequence 137, App
29	1086	98.7	382	10 US-09-903-786-137	Sequence 137, App
30	1086	98.7	382	10 US-09-902-903-137	Sequence 137, App
31	1086	98.7	382	10 US-09-903-749A-137	Sequence 137, App
32	1086	98.7	382	10 US-09-904-119-137	Sequence 137, App
33	1086	98.7	382	10 US-09-904-956-137	Sequence 137, App
34	1086	98.7	382	10 US-09-902-736-137	Sequence 137, App
35	1086	98.7	382	10 US-09-907-794-137	Sequence 137, App
36	1086	98.7	382	10 US-09-903-943-137	Sequence 137, App
37	1086	98.7	382	10 US-09-904-462-137	Sequence 137, App
38	1086	98.7	382	10 US-09-907-925-137	Sequence 137, App
39	1086	98.7	382	10 US-09-902-692-137	Sequence 137, App
40	1086	98.7	382	10 US-09-903-520-137	Sequence 137, App
41	1086	98.7	382	10 US-09-905-056-137	Sequence 137, App
42	1086	98.7	382	10 US-09-909-064-137	Sequence 137, App
43	1086	98.7	382	10 US-09-904-553-137	Sequence 137, App
44	1086	98.7	382	10 US-09-905-381-137	Sequence 137, App
45	1086	98.7	382	10 US-09-904-485-137	Sequence 137, App

ALIGNMENTS

RESULT 1
US-09-887-855-5
; Sequence 5, Application US/09887855
; Patent No. US20020058310A1
; GENERAL INFORMATION:
; APPLICANT: Immunex Corporation
; APPLICANT: Anderson, Dirk M
; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
; FILE REFERENCE: 2883-US
; CURRENT APPLICATION NUMBER: US/09/887,855
; CURRENT FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 206
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-887-855-5

Query Match 100.0%; Score 1100; DB 9; Length 206;
Best Local Similarity 100.0%; Pred. No. 2.3e-99;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	ESEQKLIK	60
Db	4	RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	ESEQKLIK	63
Qy	61	FIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRN	WYVDEPSCGSEVCV	120
Db	64	FIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRN	WYVDEPSCGSEVCV	123
Qy	121	MYHQPAPAGIGGPFYMFQWDDRCNMKNFKICKYSDEKPAVPSRE	AEGEETELTTPVLPE	180
Db	124	MYHQPAPAGIGGPFYMFQWDDRCNMKNFKICKYSDEKPAVPSRE	AEGEETELTTPVLPE	183

us-09-887-855-2_copy_25_227.rapb

Wed Jul 13 13:57:25 2005

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030044913A1 3143411CD1
; US-10-149-819-15
Query Match 100.0%; Score 1100; DB 9; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
Matches 203; Conservative 0; Mismatches 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 84
QY 61 FIENLLPSDGFHWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 85 FIENLLPSDGFHWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 144
QY 121 MYHQPAPAGIGGPPYMFQWDDRCNMKNFTCKYSDEKPAVPSREAEGETELTTPVLPE 180
Db 145 MYHQPAPAGIGGPPYMFQWDDRCNMKNFTCKYSDEKPAVPSREAEGETELTTPVLPE 204
QY 181 ETQEDAKKTFKESREAAALNLAY 203
Db 205 ETQEDAKKTFKESREAAALNLAY 227

RESULT 3
US-10-149-819-15
; Sequence 15, Application US/10149819
; Publication No. US20030044913A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: YUE, Henry
; APPLICANT: AZIMZAI, Yalda
; APPLICANT: TANG, Y. Tom
; APPLICANT: PATTERSON, Chandra
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: LU, Dyung Aina M.
; APPLICANT: SHAH, Purvi
; APPLICANT: LAL, Preeti
; APPLICANT: AU-YOUNG, Janice
; APPLICANT: BURFORD, Neil
; TITLE OF INVENTION: EXTRACELLULAR MATRIX AND CELL ADHESION MOLECULES
; FILE REFERENCE: PF-0760 PCT
; CURRENT APPLICATION NUMBER: US/10/149,819
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/172,852; 60/172,354
; PRIOR FILING DATE: 1999-12-10; 1999-12-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 15
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-887-855-2
Query Match 100.0%; Score 1100; DB 9; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
Matches 203; Conservative 0; Mismatches 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 84
QY 61 FIENLLPSDGFHWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 85 FIENLLPSDGFHWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 144
QY 121 MYHQPAPAGIGGPPYMFQWDDRCNMKNFTCKYSDEKPAVPSREAEGETELTTPVLPE 180
Db 145 MYHQPAPAGIGGPPYMFQWDDRCNMKNFTCKYSDEKPAVPSREAEGETELTTPVLPE 204
QY 181 ETQEDAKKTFKESREAAALNLAY 203
Db 205 ETQEDAKKTFKESREAAALNLAY 227

RESULT 4
US-10-094-749-2090
; Sequence 2090, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2090
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-094-749-2090
Query Match 100.0%; Score 1100; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
Matches 203; Conservative 0; Mismatches 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 84
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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030044913A1 3143411CD1
; US-10-149-819-15
Query Match 100.0%; Score 1100; DB 14; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
Matches 203; Conservative 0; Mismatches 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 84
QY 61 FIENLLPSDGFHWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 85 FIENLLPSDGFHWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 144
QY 121 MYHQPAPAGIGGPPYMFQWDDRCNMKNFTCKYSDEKPAVPSREAEGETELTTPVLPE 180
Db 145 MYHQPAPAGIGGPPYMFQWDDRCNMKNFTCKYSDEKPAVPSREAEGETELTTPVLPE 204
QY 181 ETQEDAKKTFKESREAAALNLAY 203
Db 205 ETQEDAKKTFKESREAAALNLAY 227

RESULT 4
US-10-094-749-2090
; Sequence 2090, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2090
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-094-749-2090
Query Match 100.0%; Score 1100; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99; Indels 0; Gaps 0;
Matches 203; Conservative 0; Mismatches 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKACRRDGGQLVSISEDEQKLIK 84
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QY	61	FIENLLPSDGD	FWIGLRRREEKQSN	STACQDLYAWTDGSI	SQFRNYYVD	DEPSCGSEVCW	120
Db	85	FIENLLPSDGD	FWIGLRRREEKQSN	STACQDLYAWTDGSI	SQFRNYYVD	DEPSCGSEVCW	144
QY	121	MYHQPSAPAGI	GGPYMFQWNDRCNM	KNNFICKYSDEKPA	VPSPREAEGE	ETELTTPVLP	180
Db	145	MYHQPSAPAGI	GGPYMFQWNDRCNM	KNNFICKYSDEKPA	VPSPREAEGE	ETELTTPVLP	204
QY	181	ETQEE	DAKTFKESREAA	NLAY	203		
Db	205	ETQEE	DAKTFKESREAA	NLAY	227		

RESULT 5

US-10-264-237-2579
; Sequence 2579, Application US/10264237
; Publication No. US20040009491A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA131P1
; CURRENT APPLICATION NUMBER: US/10/264,237
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/16450
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,515
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 2876
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2579
; LENGTH: 374
; TYPE: prt
; ORGANISM: Homo sapiens
US-10-264-237-2579

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Query Match 100.0%; Score 1100; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Dd	25	RLLSGQPVCRRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI ESEDEQKLIEK	84
QY	61	FIENLLPSDGDGFWIGLRRREEKQSNSTACODLYAWTDGSI SQFRNYYDEPSCGSEVCVV	120
Dd	85	FIENLLPSDGDGFWIGLRRREEKQSNSTACODLYAWTDGSI SQFRNYYDEPSCGSEVCVV	144
QY	121	MYHQPSAPAGIGGPYMFQWDDRCNMKNFNFCYSDEKPAPVPSREAEGTELTTPVLPE	180
Dd	145	MYHQPSAPAGIGGPYMFQWDDRCNMKNFNFCYSDEKPAPVPSREAEGTELTTPVLPE	204
QY	181	ETQEEDAKTKFKESREAAALNLAY	203
Dd	205	ETOEEADAKTKFKESREAAALNLAY	227

RESULT 6

US-10-648-593-148
; Sequence 148, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 148
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; LENGTH: 374
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; TYPE: PRT
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; ORGANISM: Homo sapiens
US-10-648-593-148

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Query Match      100.0%; Score 1100; DB 16; Length 374;
Best Local Similarity 100.0%; Pred. No. 4.9e-99;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY	1	RLLSGQPVCRRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIIESEDEQKLIEK	60
Dd	25	RLLSGQPVCRRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIIESEDEQKLIEK	84
QY	61	FIENTLLPSDGDFWIGLRRREEKQSNSTACODLYAWTTDGSISQFRNWYVDSPSCGSEVCW	120
Dd	85	FIENTLLPSDGDFWIGLRRREEKQSNSTACODLYAWTTDGSISQFRNWYVDSPSCGSEVCW	144
QY	121	MYHOPSAPAGIGGPYMFQWNDDRCNMKNFICKYSDEKPAPSRBAEGEETELTPVLPE	180
Dd	145	MYHOPSAPAGIGGPYMFQWNDDRCNMKNFICKYSDEKPAPSRBAEGEETELTPVLPE	204
QY	181	ETQEEDAKTKFKESREAAALNLAY	203
Dd	205	ETOEEDAKTKFKESREAAALNLAY	227

RESULT 7

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US-10-296-115-1311
; Sequence 1311, Application US/10296115
; Publication No. US20040053248A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: No. US20040053248A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 784PCT
; CURRENT APPLICATION NUMBER: US/10/296,115
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 1478
; SEQ ID NO 1311
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-296-115-1311

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Query Match      100.0%; Score 1100; DB 15; Length 387;
Best Local Similarity 100.0%; Pred. No. 5.1e-99;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy	1	RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLLNFEEAKEACRRDGGQLVSI	SEDEQK	1IEK	60
Db	38	RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLLNFEEAKEACRRDGGQLVSI	SEDEQK	1IEK	97
Qy	61	FIENLLPSDGDWFGLRRREEKQSNSTACQDLYAWTDGSI	SQFRN	WYVDEP	120
Db	98	FIENLLPSDGDWFGLRRREEKQSNSTACQDLYAWTDGSI	SQFRN	WYVDEP	157
Qy	121	MYHQPSAPAGIGPYMFQWDDRCNMKNFNICKYSDEKPAVPSR	AEGETEL	1TPVLP	180
Db	158	MYHQPSAPAGIGPYMFQWDDRCNMKNFNICKYSDEKPAVPSR	AEGETEL	1TPVLP	217
Qy	181	ETQEEADAKTKFKESREAAALN	LAY	203	
Db	218	ETQEEADAKTKFKESREAAALN	LAY	240	

RESULT 8

US-10-094-749-2142
; Sequence 2142, Application US/10094749
; Publication No. US20030219741A1

Wed Jul 13 13:57:25 2005

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;
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2142
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-094-749-2142

Query Match          99.6%; Score 1096; DB 15; Length 374;
Best Local Similarity 99.5%; Pred. No. 1.2e-98;
Matches 202; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEFAKEACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEFAKEACRRDGGQLVSISEDEQKLIK 84

QY 61 FIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWTYVDEPSCGSEVCV 120
Db 85 FIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWTYVDEPSCGSEVCV 144

QY 121 MYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEETLTPVLPE 180
Db 145 MYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEETLTPVLPE 204

QY 181 ETQEDAKTKTFKESREAAALNLAY 203
Db 205 ETQEDAKTKTFKESREAAALNLAY 227

RESULT 9
US-10-351-334-166
; Sequence 166, Application US/10351334
; Publication No. US20040034196A1
; GENERAL INFORMATION:
; APPLICANT: Komatsoulis et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P2
; CURRENT APPLICATION NUMBER: US/10/351,334
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/350,898
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/489,847
; PRIOR FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: PCT/US99/17130
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: 60/094,657
;

;
; PRIOR FILING DATE: 1998-07-30
; PRIOR APPLICATION NUMBER: 60/095,486
; PRIOR FILING DATE: 1998-08-05
; PRIOR APPLICATION NUMBER: 60/096,319
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: 60/095,454
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 60/095,455
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 166
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (84)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (112)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; US-10-351-334-166

Query Match          99.1%; Score 1090; DB 15; Length 374;
Best Local Similarity 99.0%; Pred. No. 4.7e-98;
Matches 201; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEFAKEACRRDGGQLVSISEDEQKLIK 60
Db 25 RLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEFAKEACRRDGGQLVSISEDEQKLIK 84

QY 61 FIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWTYVDEPSCGSEVCV 120
Db 85 FIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWTYVDEPSCGSEVCV 144

QY 121 MYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEETLTPVLPE 180
Db 145 MYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEETLTPVLPE 204

QY 181 ETQEDAKTKTFKESREAAALNLAY 203
Db 205 ETQEDAKTKTFKESREAAALNLAY 227

RESULT 10
US-09-909-320-137
; Sequence 137, Application US/09909320
; Patent No. US20020132240A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
;

```

```

; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,320
; PRIOR APPLICATION NUMBER: 2002-01-04
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-320-137

Query Match      98.7%; Score 1086; DB 9; Length 382;
Best Local Similarity 96.2%; Pred. No. 1.2e-97;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
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Db 25 RLLSASDLRLRGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 84
    |||||

Qy 53 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
    |||||
Db 85 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
    |||||

Qy 113 CGSEVCVMYHOPSAPAGIGGPFYMFQWNNDRCNMKNFICKYSDEKPAVPSREAEGETE 172
    |||||
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Qy 173 LTTPLVLPETQEDAKTKTKESREAAALNLAY 203
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Db 205 LTTPLVLPETQEDAKTKTKESREAAALNLAY 235
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RESULT 11
US-09-909-088B-137
; Sequence 137, Application US/09909088B
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; Patent No. US20020146709A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,088B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-088B-137
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; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-902-853-137

Query Match          98.7%; Score 1086; DB 9; Length 382;
Best Local Similarity 96.2%; Pred. No. 1.2e-97;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQVCRGGTQPCVKVIYFHDTSRRLNFEFEAKEACRRDGGQLVSI 52
    |||||
Db 25 RLLSASDLRLGGQPCVCRGGTQPCVKVIYFHDTSRRLNFEFEAKEACRRDGGQLVSI 84
    |||||
Qy 53 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
    |||||
Db 85 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
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Qy 113 CGSEVCVMYHQPSAPAGIGGPMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 172
    |||||
Db 145 CGSEVCVMYHQPSAPAGIGGPMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 204
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Qy 173 LTTPLPPEETQEEDAKKTFKESREALNLAY 203
    |||||
Db 205 LTTPLPPEETQEEDAKKTFKESREALNLAY 235
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RESULT 14
US-09-907-824-137
; Sequence 137, Application US/09907824
; Publication No. US20020197671A1
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; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-137
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Query Match 98.7%; Score 1086; DB 9; Length 382;
Best Local Similarity 96.2%; Pred. No. 1.2e-97;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
QY 1 RLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db 25 RLLSASDLRLGGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 84
QY 53 DEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
Db 85 DEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
QY 113 CGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 204
QY 173 LTPVLPETQEEDAKKTFKESREAAALNLAY 203
Db 205 LTPVLPETQEEDAKKTFKESREAAALNLAY 235
RESULT 15
US-09-907-841-137
Sequence 137, Application US/09907841
Publication No. US20020198366A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,841.
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15

PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 137
LENGTH: 382
TYPE: PRT
ORGANISM: Homo sapiens
US-09-907-841-137
Query Match 98.7%; Score 1086; DB 9; Length 382;
Best Local Similarity 96.2%; Pred. No. 1.2e-97;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
QY 1 RLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db 25 RLLSASDLRLGGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 84
QY 53 DEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
Db 85 DEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
QY 113 CGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 204
QY 173 LTPVLPETQEEDAKKTFKESREAAALNLAY 203
Db 205 LTPVLPETQEEDAKKTFKESREAAALNLAY 235
Search completed: July 11, 2005, 18:36:13
Job time : 90.075 secs

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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:00:21 ; Search time 25.8303 Seconds
(without alignments)
586.665 Million cell updates/sec

Title: US-09-887-855-2_COPY_25_227
Perfect score: 1100
Sequence: 1 RLLSGQPVCRGGTQRPCYKV.....EEDAKTKFKESREAAINLAY 203

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1090	99.1	374	4	US-09-489-847-166 Sequence 166, App
2	1086	98.7	382	4	US-09-907-794A-137 Sequence 137, App
3	1086	98.7	382	4	US-09-905-125A-137 Sequence 137, App
4	1086	98.7	382	4	US-09-902-775A-137 Sequence 137, App
5	1086	98.7	382	4	US-09-906-700-137 Sequence 137, App
6	1086	98.7	382	4	US-09-903-603A-137 Sequence 137, App
7	1086	98.7	382	4	US-09-904-920A-137 Sequence 137, App
8	1086	98.7	382	4	US-09-909-064-137 Sequence 137, App
9	1086	98.7	382	4	US-09-905-381A-137 Sequence 137, App
10	1086	98.7	382	4	US-09-906-618-137 Sequence 137, App
11	939.5	85.4	260	4	US-09-638-203-3 Sequence 3, Appli
12	561.5	51.0	273	4	US-09-638-203-2 Sequence 2, Appli
13	225	20.5	81	4	US-09-489-847-325 Sequence 325, App
14	225	20.5	82	4	US-09-489-847-234 Sequence 234, App
15	225	20.5	115	4	US-09-489-847-324 Sequence 324, App
16	182	16.5	1456	4	US-09-976-594-168 Sequence 168, App
17	178.5	16.2	1455	3	US-08-840-062-5 Sequence 5, Appli
18	176.5	16.0	1479	3	US-08-840-062-4 Sequence 4, Appli
19	174	15.8	1257	1	US-08-340-428B-49 Sequence 49, Appl
20	174	15.8	2409	6	5180808-2 Patent No. 5180808
21	174	15.8	2409	6	5180808-2 Patent No. 5180808
22	170.5	15.5	1479	3	US-08-840-062-2 Sequence 2, Appli
23	152	13.8	912	5	PCT-US95-03747-2 Sequence 2, Appli
24	151	13.7	197	4	US-09-602-877A-99 Sequence 99, Appl
25	149.5	13.6	455	4	US-09-866-028-50 Sequence 50, Appl
26	149.5	13.6	455	4	US-09-944-457-50 Sequence 50, Appl
27	149	13.5	174	1	US-07-641-971B-1 Sequence 1, Appli

28	149	13.5	174	1	US-07-781-248A-1 Sequence 1, Appli
29	149	13.5	320	1	US-08-365-103B-10 Sequence 10, Appl
30	149	13.5	321	1	US-08-365-103B-8 Sequence 8, Appli
31	148.5	13.5	652	2	US-08-751-305-2 Sequence 2, Appli
32	144.5	13.1	404	3	US-09-517-605-2 Sequence 2, Appli
33	143.5	13.0	372	2	US-08-513-278-4 Sequence 4, Appli
34	143.5	13.0	372	6	5514582-4 Patent No. 5514582
35	143.5	13.0	372	6	5514582-4 Patent No. 5514582
36	142	12.9	1487	3	US-08-840-062-7 Sequence 7, Appli
37	141.5	12.9	125	3	US-08-722-126A-7 Sequence 7, Appli
38	141.5	12.9	125	5	PCT-US95-04258-7 Sequence 7, Appli
39	141.5	12.9	287	1	US-08-365-103B-4 Sequence 4, Appli
40	141.5	12.9	300	1	US-08-365-103B-6 Sequence 6, Appli
41	141.5	12.9	327	1	US-08-365-103B-2 Sequence 2, Appli
42	139	12.6	248	4	US-09-600-932-28 Sequence 28, Appl
43	139	12.6	248	4	US-09-949-016-6612 Sequence 6612, Ap
44	139	12.6	251	4	US-09-949-016-8481 Sequence 8481, Ap
45	139	12.6	251	4	US-09-949-016-9058 Sequence 9058, Ap

ALIGNMENTS

RESULT 1

US-09-489-847-166
; Sequence 166, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 166
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (84)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (112)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-489-847-166

Query Match 99.1%; Score 1090; DB 4; Length 374;
Best Local Similarity 99.0%; Pred. No. 1.3e-105;
Matches 201; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1	RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	EDEQKLIEX 60
Db	25	RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	EDEQKLIEX 84
Qy	61	FIENLLPSDGDGFWIGLRRRREKQSNSTACQDLYAWTDGSI	QFRNWWVDEPSCGSEVCV 120
Db	85	FIENLLPSDGDGFWIGLRRRREKQSNSTXCQDLYAWTDGSI	QFRNWWVDEPSCGSEVCV 144

QY 121 MYHPSAPAGIGGPFYMFQWDDRCNMKNFFICKYSDEKPAVPSREAEGETELTTPVLPE 180
Db 145 MYHPSAPAGIGGPFYMFQWDDRCNMKNFFICKYSDEKPAVPSREAEGETELTTPVLPE 204
QY 181 ETOBEDAKKTFKESREAAALNLAY 203
Db 205 ETOBEDAKKTFKESREAAALNLAY 227

RESULT 2
US-09-907-794A-137
; Sequence 137, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911

; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-907-794A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 RLLS-----GQVCRGGTQRPCYKVIYFHDTSRLNFEEAKEACRRDGGQLVSI ESE 52
Db 25 RLLSASDLDLRGGQPVCRGGTQRPCYKVIYFHDTSRLNFEEAKEACRRDGGQLVSI ESE 84

QY 53 DEQKLI EKFIENLLPSDGD FWTGLRRREEKQSNSTACQDLYAWTDGSGISQFRN WYVDEPS 112
Db 85 DEQKLI EKFIENLLPSDGD FWTGLRRREEKQSNSTACQDLYAWTDGSGISQFRN WYVDEPS 144

QY 113 CGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFFICKYSDEKPAVPSREAEGETE 204

QY 173 LTTPVLPEETQEEDAKKTFKESREAAALNLAY 203
Db 205 LTTPVLPEETQEEDAKKTFKESREAAALNLAY 235

RESULT 3
US-09-905-125A-137
; Sequence 137, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698

;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 137
;; LENGTH: 382
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-905-125A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db 25 RLLSASDLRLRGQPCVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 84
Qy 53 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
Db 85 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
Qy 113 CGSEVCVMYHQPAPAGIGGPFYMFQWNNDRCMKNFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVMYHQPAPAGIGGPFYMFQWNNDRCMKNFICKYSDEKPAVPSREAEGETE 204
Qy 173 LTTPVLPEETQEEDAKTTFKESREAAALNLAY 203
Db 205 LTTPVLPEETQEEDAKTTFKESREAAALNLAY 235

RESULT 4
US-09-902-775A-137
; Sequence 137, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

;; APPLICANT: Goddard, A.
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, Christopher J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth, J.
;; APPLICANT: Kljavin, Ivar J.
;; APPLICANT: Mather, Jennie P.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William, I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE REFERENCE: 10466-14
;; CURRENT APPLICATION NUMBER: US/09/902,775A
;; CURRENT FILING DATE: 2001-07-10
;; PRIOR APPLICATION NUMBER: PCT/US00/04414
;; PRIOR FILING DATE: 2000-02-22
;; PRIOR APPLICATION NUMBER: US 60/143,048
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: US 60/145,698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 137
;; LENGTH: 382
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-902-775A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
Qy 1 RLLS-----GQVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db 25 RLLSASDLRLRGQPCVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 84
Qy 53 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
Db 85 DEQKLEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
Qy 113 CGSEVCVMYHQPAPAGIGGPFYMFQWNNDRCMKNFICKYSDEKPAVPSREAEGETE 172

Db 145 CGSEVCVMYHQPAPAGIGGPGYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 204
Qy 173 LTTPLVPEETQEDAKKTFKESREAAALNLAY 203
Db 205 LTTPLVPEETQEDAKKTFKESREAAALNLAY 235

; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-700-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
Qy 1 RLIS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIESTE 52
Db 25 RLISASDLDLRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIESTE 84
Qy 53 DEQKLIKFIENLLPSDGFWIGLRRRREKQSNSTACQDLYAWTDGSIQFRNYYVDEPS 112
Db 85 DEQKLIKFIENLLPSDGFWIGLRRRREKQSNSTACQDLYAWTDGSIQFRNYYVDEPS 144
Qy 113 CGSEVCVMYHQPAPAGIGGPGYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVMYHQPAPAGIGGPGYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 204
Qy 173 LTTPLVPEETQEDAKKTFKESREAAALNLAY 203
Db 205 LTTPLVPEETQEDAKKTFKESREAAALNLAY 235

RESULT 6
US-09-903-603A-137
; Sequence 137, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-903-603A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI 52
Db 25 RLLSASDLDLRGGQPVCRGGTQPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI 84
Qy 53 DEQKLEKFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
Db 85 DEQKLEKFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
Qy 113 CGSEVCVVMYHQPSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVVMYHQPSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 204
Qy 173 LTPVLPPEETQEEDAKTKTFKESREAAALNLAY 203
Db 205 LTPVLPPEETQEEDAKTKTFKESREAAALNLAY 235

RESULT 7
US-09-904-920A-137
; Sequence 137, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-904-920A-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 RLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI 52
Db 25 RLLSASDLDLRGGQPVCRGGTQPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSI 84
Qy 53 DEQKLEKFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 112
Db 85 DEQKLEKFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPS 144
Qy 113 CGSEVCVVMYHQPSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETE 172

Wed Jul 13 13:57:24 2005

145 CGSEVCVMYHQPSAPAGIGGYPYMFQWNDRCNMKNFICKYSDEKPAVPSREAEGETE 204

Db 173 LTTPLPEETQEDAKKTFKESREAAALNLAY 203
173 LTTPLPEETQEDAKKTFKESREAAALNLAY 235
Db 205 LTTPLPEETQEDAKKTFKESREAAALNLAY 235

RESULT 8
US-09-909-064-137

Sequence 137, Application US/09909064
Patent No. 6818449
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999

PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 137
LENGTH: 382
TYPE: PRT
ORGANISM: Homo sapiens
US-09-909-064-137

Query Match 98.7%; Score 1086; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 3.6e-105;
Matches 203; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
QY 1 RLLS-----GQVCRGGTQRPCKYKVIYFHDTSRLNFEEAKEACRRDGGQLVSIIESE 52
Db 25 RLLSASDLRLRGQPVCRGGTQRPCKYKVIYFHDTSRLNFEEAKEACRRDGGQLVSIIESE 84
QY 53 DEQKLIIEKFIEIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWYVDEPS 112
Db 85 DEQKLIIEKFIEIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIISQFRNWYVDEPS 144
QY 113 CGSEVCVMYHQPSAPAGIGGYPYMFQWNDRCNMKNFICKYSDEKPAVPSREAEGETE 172
Db 145 CGSEVCVMYHQPSAPAGIGGYPYMFQWNDRCNMKNFICKYSDEKPAVPSREAEGETE 204
QY 173 LTTPLPEETQEDAKKTFKESREAAALNLAY 203
Db 205 LTTPLPEETQEDAKKTFKESREAAALNLAY 235

RESULT 9

US-09-905-381A-137
Sequence 137, Application US/09905381A
Patent No. 6818746
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,381A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222

SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS

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; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-381A-137

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Query Match	98.7%;	Score 1086;	DB 4;	Length 382;
Best Local Similarity	96.2%;	Pred. No. 3.6e-105;		
Matches 203;	Conservative 0;	Mismatches 0;	Indels 8;	Gaps 1;
Qy 1	RLLS-----	GQVPCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVST	EESE	52
Db 25	RLLSASDLDLRG	QVPCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVST	EESE	84
Qy 53	DEQKLI	EKFIEINLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSI	SQFRNWWYDEPS	112
Db 85	DEQKLI	EKFIEINLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSI	SQFRNWWYDEPS	144
Qy 113	CGSEVCVVMTHQ	SAPAGIGGYPMFQWDDRCNMKNFICKYSDKPAVPSREAEGETE	172	
Db 145	CGSEVCVVMTHQ	SAPAGIGGYPMFQWDDRCNMKNFICKYSDKPAVPSREAEGETE	204	
Qy 173	LTPVLP	PEETQEEDAKKTFKESREAAALNLAY	203	
Db 205	LTPVLP	PEETQEEDAKKTFKESREAAALNLAY	235	

RESULT 10
US-09-906-618-137
; Sequence 137, Application US/09906618
; Patent No. 6828146
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.

```

; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,618
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
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; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-906-618-137

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	Query Match	98.7%;	Score 1086;	DB 4;	Length 382;
	Best Local Similarity	96.2%;	Pred. NO. 3.6e-105;		
	Matches 203;	Conservative	0;	Mismatches 0;	Indels 8; Gaps 1;
Qy	1	RLLS-----	GQVCRGGTQPCYKVIYFHDTSRRLNFEFEAKEACRRDGGQLVSIESE	52	
Db	25	RLLSASDLLRGQPVCRRGGTQPCYKVIYFHDTSRRLNFEFEAKEACRRDGGQLVSIESE	84		
Qy	53	DEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSI	SQFRNWWYVDEPS	112	
Db	85	DEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSI	SQFRNWWYVDEPS	144	
Qy	113	CGSEVCVVMYHQPSAPAGIGGPPYMFQWDDRCNMKNFNICKYSDEKPAVPSPRAEGEETE	172		
Db	145	CGSEVCVVMYHQPSAPAGIGGPPYMFQWDDRCNMKNFNICKYSDEKPAVPSPRAEGEETE	204		

; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 234
; LENGTH: 82
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (82)
; OTHER INFORMATION: Xaa equals stop translation
US-09-489-847-234

Query Match 20.5%; Score 225; DB 4; Length 82;
Best Local Similarity 100.0%; Pred. No. 5e-16;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRR 41
Db 25 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRR 65

RESULT 15
US-09-489-847-324
; Sequence 324, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; EARLIER FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 324
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-324

Query Match 20.5%; Score 225; DB 4; Length 115;
Best Local Similarity 100.0%; Pred. No. 7.9e-16;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRR 41
Db 59 RLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRR 99

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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:10:31 ; Search time 90.5188 Seconds
(without alignments)
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Perfect score: 1106
Sequence: 1 GRLLSGQPVCRGGTQRPCYK.....EEDAKKTFKESREAAINLAY 204

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Searched: 1726218 seqs, 386331768 residues

Total number of hits satisfying chosen parameters: 1726218

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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20: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
21: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
22: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1106	100.0	206	9 US-09-887-855-5	Sequence 5, Appli
2	1106	100.0	374	9 US-09-887-855-2	Sequence 2, Appli
3	1106	100.0	374	14 US-10-149-819-15	Sequence 15, Appl
4	1106	100.0	374	15 US-10-094-749-2090	Sequence 2090, Ap
5	1106	100.0	374	15 US-10-264-237-2579	Sequence 2579, Ap
6	1106	100.0	374	16 US-10-648-593-148	Sequence 148, App
7	1106	100.0	387	15 US-10-296-115-1311	Sequence 1311, Ap
8	1102	99.6	374	15 US-10-094-749-2142	Sequence 2142, Ap
9	1096	99.1	374	15 US-10-351-334-166	Sequence 166, App
10	1092	98.7	382	9 US-09-909-320-137	Sequence 137, App
11	1092	98.7	382	9 US-09-909-088B-137	Sequence 137, App

12	1092	98.7	382	9 US-09-905-291A-137	Sequence 137, App
13	1092	98.7	382	9 US-09-902-853-137	Sequence 137, App
14	1092	98.7	382	9 US-09-907-824-137	Sequence 137, App
15	1092	98.7	382	9 US-09-907-841-137	Sequence 137, App
16	1092	98.7	382	10 US-09-904-011-137	Sequence 137, App
17	1092	98.7	382	10 US-09-903-640-137	Sequence 137, App
18	1092	98.7	382	10 US-09-908-093-137	Sequence 137, App
19	1092	98.7	382	10 US-09-906-742-137	Sequence 137, App
20	1092	98.7	382	10 US-09-906-838-137	Sequence 137, App
21	1092	98.7	382	10 US-09-907-613-137	Sequence 137, App
22	1092	98.7	382	10 US-09-907-942-137	Sequence 137, App
23	1092	98.7	382	10 US-09-904-859-137	Sequence 137, App
24	1092	98.7	382	10 US-09-909-204-137	Sequence 137, App
25	1092	98.7	382	10 US-09-904-820-137	Sequence 137, App
26	1092	98.7	382	10 US-09-904-786-137	Sequence 137, App
27	1092	98.7	382	10 US-09-906-646-137	Sequence 137, App
28	1092	98.7	382	10 US-09-906-700-137	Sequence 137, App
29	1092	98.7	382	10 US-09-903-786-137	Sequence 137, App
30	1092	98.7	382	10 US-09-902-903-137	Sequence 137, App
31	1092	98.7	382	10 US-09-903-749A-137	Sequence 137, App
32	1092	98.7	382	10 US-09-904-119-137	Sequence 137, App
33	1092	98.7	382	10 US-09-904-956-137	Sequence 137, App
34	1092	98.7	382	10 US-09-902-736-137	Sequence 137, App
35	1092	98.7	382	10 US-09-907-794-137	Sequence 137, App
36	1092	98.7	382	10 US-09-903-943-137	Sequence 137, App
37	1092	98.7	382	10 US-09-904-462-137	Sequence 137, App
38	1092	98.7	382	10 US-09-907-925-137	Sequence 137, App
39	1092	98.7	382	10 US-09-902-692-137	Sequence 137, App
40	1092	98.7	382	10 US-09-903-520-137	Sequence 137, App
41	1092	98.7	382	10 US-09-905-056-137	Sequence 137, App
42	1092	98.7	382	10 US-09-909-064-137	Sequence 137, App
43	1092	98.7	382	10 US-09-904-553-137	Sequence 137, App
44	1092	98.7	382	10 US-09-905-381-137	Sequence 137, App
45	1092	98.7	382	10 US-09-904-485-137	Sequence 137, App

ALIGNMENTS

RESULT 1
US-09-887-855-5
; Sequence 5, Application US/09887855
; Patent No. US20020058310A1
; GENERAL INFORMATION:
; APPLICANT: Immunex Corporation
; APPLICANT: Anderson, Dirk M
; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
; FILE REFERENCE: 2883-US
; CURRENT APPLICATION NUMBER: US/09/887,855
; CURRENT FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 206
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-887-855-5

Query Match 100.0%; Score 1106; DB 9; Length 206;
Best Local Similarity 100.0%; Pred. No. 5.7e-100;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	60
Db	3	GRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI	62
Qy	61	KFIENLLPSDGDGFWIGLRRRREKQSNSTACQDLYAWTDGSI	120
Db	63	KFIENLLPSDGDGFWIGLRRRREKQSNSTACQDLYAWTDGSI	122
Qy	121	VMYHQPAPAGIGGPFYMFQWDRCNMKNFICKYSDEKPAVPSREAEGETLTPVLP	180
Db	123	VMYHQPAPAGIGGPFYMFQWDRCNMKNFICKYSDEKPAVPSREAEGETLTPVLP	182

Wed Jul 13 13:57:24 2005

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; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030044913A1 3143411CD1
US-10-149-819-15

Query Match      100.0%; Score 1106; DB 14; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.2e-99;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GRLLSGQPVCRCGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLI 60
Db      24 GRLLSGQPVCRCGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLI 83

QY      61 KFIENLLPSDGDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWIYVDEPSCGSEVCV 120
Db      84 KFIENLLPSDGDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWIYVDEPSCGSEVCV 143

QY      121 VMYHQSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db      144 VMYHQSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 203

QY      181 EETQEDAKKTFKESREAAALNLAY 204
Db      204 EETQEDAKKTFKESREAAALNLAY 227

RESULT 4
US-10-094-749-2090
; Sequence 2090, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2090
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-2090

Query Match      100.0%; Score 1106; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.2e-99;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GRLLSGQPVCRCGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLI 60
Db      24 GRLLSGQPVCRCGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLI 83
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QY      181 EETQEDAKKTFKESREAAALNLAY 204
Db      183 EETQEDAKKTFKESREAAALNLAY 206

RESULT 2
US-09-887-855-2
; Sequence 2, Application US/09887855
; Patent No. US20020058310A1
; GENERAL INFORMATION:
; APPLICANT: Immunex Corporation
; APPLICANT: Anderson, Dirk M
; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES
; FILE REFERENCE: 2883-US
; CURRENT APPLICATION NUMBER: US/09/887,855
; CURRENT FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-887-855-2

Query Match      100.0%; Score 1106; DB 9; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.2e-99;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GRLLSGQPVCRCGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLI 60
Db      24 GRLLSGQPVCRCGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLI 83

QY      61 KFIENLLPSDGDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWIYVDEPSCGSEVCV 120
Db      84 KFIENLLPSDGDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWIYVDEPSCGSEVCV 143

QY      121 VMYHQSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db      144 VMYHQSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 203

QY      181 EETQEDAKKTFKESREAAALNLAY 204
Db      204 EETQEDAKKTFKESREAAALNLAY 227

RESULT 3
US-10-149-819-15
; Sequence 15, Application US/10149819
; Publication No. US20030044913A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: YUE, Henry
; APPLICANT: AZIMZAI, Yalda
; APPLICANT: TANG, Y. Tom
; APPLICANT: PATTERSON, Chandra
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: LU, Dyung Aina M.
; APPLICANT: SHAH, Purvi
; APPLICANT: LAL, Preeti
; APPLICANT: AU-YOUNG, Janice
; APPLICANT: BURFORD, Neil
; TITLE OF INVENTION: EXTRACELLULAR MATRIX AND CELL ADHESION MOLECULES
; FILE REFERENCE: PF-0760 PCT
; CURRENT APPLICATION NUMBER: US/10/149,819
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: 60/172,852; 60/172,354
; PRIOR FILING DATE: 1999-12-10; 1999-12-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 15
; LENGTH: 374
; TYPE: PRT
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Qy 61 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 84 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 143
Qy 121 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db 144 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 203
Qy 181 EETQEDAKKTFKESREAAALNLAY 204
Db 204 EETQEDAKKTFKESREAAALNLAY 227

RESULT 5

US-10-264-237-2579
; Sequence 2579, Application US/10264237
; Publication No. US20040009491A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA131P1
; CURRENT APPLICATION NUMBER: US/10/264,237
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/16450
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/205,515
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 2876
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2579
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-237-2579

Query Match 100.0%; Score 1106; DB 15; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.2e-99;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSQPVCRRGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLE 60
Db 24 GRLLSQPVCRRGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLE 83
Qy 61 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 84 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 143
Qy 121 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db 144 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 203
Qy 181 EETQEDAKKTFKESREAAALNLAY 204
Db 204 EETQEDAKKTFKESREAAALNLAY 227

RESULT 6

US-10-648-593-148
; Sequence 148, Application US/10648593
; Publication No. US20040106132A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 148
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-648-593-148
Query Match 100.0%; Score 1106; DB 16; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.2e-99;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 GRLLSQPVCRRGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLE 60
Db 24 GRLLSQPVCRRGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLE 83
Qy 61 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 84 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 143
Qy 121 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db 144 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 203
Qy 181 EETQEDAKKTFKESREAAALNLAY 204
Db 204 EETQEDAKKTFKESREAAALNLAY 227

RESULT 7

US-10-296-115-1311
; Sequence 1311, Application US/10296115
; Publication No. US20040053248A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: No. US20040053248A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 784PCT
; CURRENT APPLICATION NUMBER: US/10/296,115
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 1478
; SEQ ID NO 1311
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-296-115-1311

Query Match 100.0%; Score 1106; DB 15; Length 387;
Best Local Similarity 100.0%; Pred. No. 1.3e-99;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GRLLSQPVCRRGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLE 60
Db 37 GRLLSQPVCRRGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSISEDEQKLE 96
Qy 61 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 120
Db 97 KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYVDEPSCGSEVCV 156
Qy 121 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db 157 VMYHQSAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 216
Qy 181 EETQEDAKKTFKESREAAALNLAY 204
Db 217 EETQEDAKKTFKESREAAALNLAY 240

RESULT 8

US-10-094-749-2142
; Sequence 2142, Application US/10094749
; Publication No. US20030219741A1

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; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHIKO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2142
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-10-094-749-2142

Query Match          99.6%; Score 1102; DB 15; Length 374;
Best Local Similarity 99.5%; Pred. No. 3e-99;
Matches 203; Conservative 0; Mismatches 1; Indels 0; Gaps 0

QY      1 GRLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAEKACRRDGGQLVSI ESEDEQKLI E 60
      |||
Db      24 GRLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAEKACRRDGGQLVSI ESEDEQKLI E 83

QY      61 KFIENLLPSDGFWDGFWIGLRRRREKQSNSTACQDLYAWTDGSI SQFRNWWYVDEPSCGSEVCV 120
      |||
Db      84 KFIENLLPSDGFWDGFWIGLRRRREKQSNSTACQDLYAWTDGSI SQFRNWWYVDEPSCGSEVCV 143

QY      121 VMYHQPSAPAGIGGPFYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 180
      |||
Db      144 VMYHQPSAPAGIGGPFYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGETELTTPVLP 203

QY      181 EETQEEDAKTKTFKESREAAALNLAY 204
      |||
Db      204 EETQEEDTKTKTFKESREAAALNLAY 227

RESULT 9
US-10-351-334-166
; Sequence 166, Application US/10351334
; Publication No. US20040034196A1
; GENERAL INFORMATION:
; APPLICANT: Komatsoulis et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031P2
; CURRENT APPLICATION NUMBER: US/10/351,334
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/350,898
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/489,847
; PRIOR FILING DATE: 2000-01-24
; PRIOR APPLICATION NUMBER: PCT/US99/17130
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: 60/094,657

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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,320
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-320-137

Query Match      98.7%; Score 1092; DB 9; Length 382;
Best Local Similarity 96.2%; Pred. No. 3e-98;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy      1  GRLLS-----GQVCRGGTQPCYKVIYFHDTSRRLNPEEAKACRRDGGQLVSIES 52
Db      24  GRLLSASDLRLGGQPCVCRGGTQPCYKVIYFHDTSRRLNPEEAKACRRDGGQLVSIES 83

Qy      53  EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 112
Db      84  EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 143

Qy     113  SCGSEVCVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGEET 172
Db     144  SCGSEVCVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGEET 203

Qy     173  ELTTPVLPEETQEEDAKKTFKESREAALNLAY 204
Db     204  ELTTPVLPEETQEEDAKKTFKESREAALNLAY 235

RESULT 11
US-09-909-088B-137
; Sequence 137, Application US/09909088B
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; Patent No. US20020146709A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,088B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-088B-137
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; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: prt
; ORGANISM: Homo sapiens
; US-09-905-291A-137

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RESULT 12
US-09-905-291A-137
; Sequence 137, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,291A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089

RESULT 13

US-09-902-853-137

; Sequence 137, Application US/09902853

; Publication No. US20020192659A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

```
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-902-853-137

Query Match      98.7%; Score 1092; DB 9; Length 382;
Best Local Similarity 96.2%; Pred. No. 3e-98;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

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Db      24  GRLLSASDLDLRGGQPCVCRGSGTQPCYKVIYFHDTSRLNPFEEAKEACRRDGGQLVSIES 83

QY      53  EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 112
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QY      113  SCGSEVCVMYHQPSAPAGTGGPYMFQWDDRCNMKNFICKYSDEKPAVPSREAGEET 172
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Db      144  SCGSEVCVMYHQPSAPAGTGGPYMFQWDDRCNMKNFICKYSDEKPAVPSREAGEET 203

QY      173  ELTTPVLPEETQEEADAKTKFKESREAAALNLAY 204
      |||||
Db      204  ELTTPVLPEETQEEADAKTKFKESREAAALNLAY 235

RESULT 14
US-09-907-824-137
; Sequence 137, Application US/09907824
; Publication No. US20020197671A1
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; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-137
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; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-907-841-137

Qy	1	GRLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKEACRRDGGQLVSIES	52
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Qy	53	EDEQKLIKFIENLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP	112
Db	84	EDEQKLIKFIENLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP	143
Qy	113	SCGSEVCVVMYHQPAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEET	172
Db	144	SCGSEVCVVMYHQPAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEET	203
Qy	173	ELTTPVLPEETQEEADAKKTFKESREAALNLAY	204
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; Sequence 137, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15

Qy	1	GRLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKEACRRDGGQLVSIES	52
Db	24	GRLLSASDLDLRGGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKEACRRDGGQLVSIES	83
Qy	53	EDEQKLIKFIENLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP	112
Db	84	EDEQKLIKFIENLLPSDGDWFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP	143
Qy	113	SCGSEVCVVMYHQPAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEET	172
Db	144	SCGSEVCVVMYHQPAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGEET	203
Qy	173	ELTTPVLPEETQEEADAKKTFKESREAALNLAY	204
Db	204	ELTTPVLPEETQEEADAKKTFKESREAALNLAY	235

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Job time : 91.5188 secs

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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:00:21 ; Search time 25.9576 Seconds
(without alignments)
586.665 Million cell updates/sec

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Perfect score: 1106
Sequence: 1 GRLLSGQPVCRGGTQPCYK.....EEDAKTKFKESREAAINLAY 204

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1096	99.1	374	4	US-09-489-847-166
2	1092	98.7	382	4	US-09-907-794A-137
3	1092	98.7	382	4	US-09-905-125A-137
4	1092	98.7	382	4	US-09-902-775A-137
5	1092	98.7	382	4	US-09-906-700-137
6	1092	98.7	382	4	US-09-903-603A-137
7	1092	98.7	382	4	US-09-904-920A-137
8	1092	98.7	382	4	US-09-909-064-137
9	1092	98.7	382	4	US-09-905-381A-137
10	1092	98.7	382	4	US-09-906-618-137
11	939.5	84.9	260	4	US-09-638-203-3
12	561.5	50.8	273	4	US-09-638-203-2
13	231	20.9	81	4	US-09-489-847-325
14	231	20.9	82	4	US-09-489-847-234
15	231	20.9	115	4	US-09-489-847-324
16	182	16.5	1456	4	US-09-976-594-168
17	178.5	16.1	1455	3	US-08-840-062-5
18	176.5	16.0	1479	3	US-08-840-062-4
19	174	15.7	1257	1	US-08-340-428B-49
20	174	15.7	2409	6	5180808-2
21	174	15.7	2409	6	5180808-2
22	170.5	15.4	1479	3	US-08-840-062-2
23	152	13.7	912	5	PCT-US95-03747-2
24	151	13.7	197	4	US-09-602-877A-99
25	149.5	13.5	455	4	US-09-866-028-50
26	149.5	13.5	455	4	US-09-944-457-50
27	149	13.5	174	1	US-07-641-971B-1

28	149	13.5	174	1	US-07-781-248A-1	Sequence 1, Appli
29	149	13.5	320	1	US-08-365-103B-10	Sequence 10, Appli
30	149	13.5	321	1	US-08-365-103B-8	Sequence 8, Appli
31	148.5	13.4	652	2	US-08-751-305-2	Sequence 2, Appli
32	144.5	13.1	404	3	US-09-517-605-2	Sequence 2, Appli
33	143.5	13.0	372	2	US-08-513-278-4	Sequence 4, Appli
34	143.5	13.0	372	6	5514582-4	Patent No. 5514582
35	143.5	13.0	372	6	5514582-4	Patent No. 5514582
36	142	12.8	1487	3	US-08-840-062-7	Sequence 7, Appli
37	141.5	12.8	125	3	US-08-722-126A-7	Sequence 7, Appli
38	141.5	12.8	125	5	PCT-US95-04258-7	Sequence 7, Appli
39	141.5	12.8	287	1	US-08-365-103B-4	Sequence 4, Appli
40	141.5	12.8	300	1	US-08-365-103B-6	Sequence 6, Appli
41	141.5	12.8	327	1	US-08-365-103B-2	Sequence 2, Appli
42	139	12.6	248	4	US-09-600-932-28	Sequence 28, Appli
43	139	12.6	248	4	US-09-949-016-6612	Sequence 6612, Ap
44	139	12.6	251	4	US-09-949-016-8481	Sequence 8481, Ap
45	139	12.6	251	4	US-09-949-016-9058	Sequence 9058, Ap

ALIGNMENTS

RESULT 1

US-09-489-847-166
; Sequence 166, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 166
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (84)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (112)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-489-847-166

Query Match 99.1%; Score 1096; DB 4; Length 374;
Best Local Similarity 99.0%; Pred. No. 2.9e-106;
Matches 202; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1	GRLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAEACRRDGGQLVSI	EDEQKLE 60
Db	24	GRLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAEACRRDGGQLVSI	EDEQKLE 83
Qy	61	KFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDCGISQFRN	WYVDEPSCGSEVCV 120
Db	84	KFIENLLPSDGDGFWIGLRRREKQSNSTXCQDLYAWTDCGISQFRN	WYVDEPSCGSEVCV 143

QY 121 VMYHQPSAPAGIGGPFYMFQWNDRCNMKNPFICKYSDEKPAVPSREAEGETELTTPVLP 180
Db 144 VMYHQPSAPAGIGGPFYMFQWNDRCNMKNPFICKYSDEKPAVPSREAEGETELTTPVLP 203
QY 181 EETQEDAKKTFKESREAAALNLAY 204
Db 204 EETQEDAKKTFKESREAAALNLAY 227

RESULT 2
US-09-907-794A-137
; Sequence 137, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911

; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-907-794A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 GRLLS-----GQVCRGGTQRPCYKVIYFHDTSRRLNFEAEKACRRDGGQLVSIES 52
Db 24 GRLLSASDLDLRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAEKACRRDGGQLVSIES 83
QY 53 EDEQKLIETFIENLLPSDGFWIGLRRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 112
Db 84 EDEQKLIETFIENLLPSDGFWIGLRRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 143
QY 113 SCGSEVCVMYHQPSAPAGIGGPFYMFQWNDRCNMKNPFICKYSDEKPAVPSREAEGET 172
Db 144 SCGSEVCVMYHQPSAPAGIGGPFYMFQWNDRCNMKNPFICKYSDEKPAVPSREAEGET 203
QY 173 ELTTPVLPEETQEDAKKTFKESREAAALNLAY 204
Db 204 ELTTPVLPEETQEDAKKTFKESREAAALNLAY 235

RESULT 3

US-09-905-125A-137
; Sequence 137, Application US/09905125A
; Patent No. 6664376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698

; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-125A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 GRLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 52
| | | | |
Db 24 GRLLSASDLRLGGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 83

QY 53 EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 112
| | | | |
Db 84 EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 143

QY 113 SCGSEVCVMYHQPSAPAGIGGPFQWDDRCNMKNFICKYSDEKPAVPSREAGEET 172
| | | | |
Db 144 SCGSEVCVMYHQPSAPAGIGGPFQWDDRCNMKNFICKYSDEKPAVPSREAGEET 203

QY 173 ELTTPVLPEETQEDAKKTFKESREAAALNAY 204
| | | | |
Db 204 ELTTPVLPEETQEDAKKTFKESREAAALNAY 235

RESULT 4
US-09-902-775A-137
; Sequence 137, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-902-775A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 GRLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 52
| | | | |
Db 24 GRLLSASDLRLGGQPVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 83

QY 53 EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 112
| | | | |
Db 84 EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 143

QY 113 SCGSEVCVMYHQPSAPAGIGGPFQWDDRCNMKNFICKYSDEKPAVPSREAGEET 172

Db 144 SCGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGET 203
173 ELTTPVLPEETQEEDAKKTFKESREAAALNLAY 204
204 ELTTPVLPEETQEEDAKKTFKESREAAALNLAY 235

; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-700-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;
Qy 1 GRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 52
Db 24 GRLLSASDLRLRGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 83
Qy 53 EDEQKLIKFIENLLPSDGDWFWIGLRRREEKQSNSTACQDLIAWTGDSISQFRNYYVDEP 112
Db 84 EDEQKLIKFIENLLPSDGDWFWIGLRRREEKQSNSTACQDLIAWTGDSISQFRNYYVDEP 143
Qy 113 SCGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGET 172
Db 144 SCGSEVCVVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGET 203
Qy 173 ELTTPVLPEETQEEDAKKTFKESREAAALNLAY 204
Db 204 ELTTPVLPEETQEEDAKKTFKESREAAALNLAY 235

RESULT 6
US-09-903-603A-137
; Sequence 137, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26

US-09-906-700-137
; Sequence 137, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-903-603A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 GRLLS-----GQVCRGGTQPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIES 52
Db 24 GRLLSASDLRLGGQPCVCRGGTQPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIES 83

QY 53 EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 112
Db 84 EDEQKLEKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVDEP 143

QY 113 SCGSEVCVMYHQPAPAGIGGYPNFQWDDRCNMKNFNICKYSDEKPAVPSREAEGET 172
Db 144 SCGSEVCVMYHQPAPAGIGGYPNFQWDDRCNMKNFNICKYSDEKPAVPSREAEGET 203

QY 173 ELTTPVLPEETQEEDAKTKTFKESREAAALNLAY 204
Db 204 ELTTPVLPEETQEEDAKTKTFKESREAAALNLAY 235

RESULT 7
US-09-904-920A-137
; Sequence 137, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-904-920A-137

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Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

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; PRIOR FILING DATE: 1999-07-28
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; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
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; PRIOR APPLICATION NUMBER: PCT/US99/21547
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; PRIOR FILING DATE: 2000-01-05
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; ORGANISM: Homo sapiens
US-09-905-381A-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 52
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Qy 113 SCGSEVCVMYHQPSAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGEET 172
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; Sequence 137, Application US/09906618
; Patent No. 6828146
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,618
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
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; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
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; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-906-618-137

Query Match 98.7%; Score 1092; DB 4; Length 382;
Best Local Similarity 96.2%; Pred. No. 7.7e-106;
Matches 204; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy 1 GRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSIES 52
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; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 234
; LENGTH: 82
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-09-4899-847-234

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Best Local Similarity 100.0%; Pred. No. 1.2e-16;
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; Sequence 324, Application US/09489847
; Patent No. 6476195
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; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: P2031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
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; ORGANISM: Homo sapiens
US-09-489-847-324

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Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - protein search, using sw model

Run on: July 11, 2005, 18:10:31 ; Search time 91.4062 Seconds
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870.667 Million cell updates/sec

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Searched: 1726218 seqs, 386331768 residues

Total number of hits satisfying chosen parameters: 1726218

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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1115	100.0	374	9 US-09-887-855-2	Sequence 2, Appli
3	1115	100.0	374	14 US-10-149-819-15	Sequence 15, Appl
4	1115	100.0	374	15 US-10-094-749-2090	Sequence 2090, Ap
5	1115	100.0	374	15 US-10-264-237-2579	Sequence 2579, Ap
6	1115	100.0	374	16 US-10-648-593-148	Sequence 148, App
7	1115	100.0	387	15 US-10-296-115-1311	Sequence 1311, Ap
8	1111	99.6	374	15 US-10-094-749-2142	Sequence 2142, Ap
9	1105	99.1	374	15 US-10-351-334-166	Sequence 166, App
10	1101	98.7	382	9 US-09-909-320-137	Sequence 137, App
11	1101	98.7	382	9 US-09-909-088B-137	Sequence 137, App

12	1101	98.7	382	9 US-09-905-291A-137	Sequence 137, App
13	1101	98.7	382	9 US-09-902-853-137	Sequence 137, App
14	1101	98.7	382	9 US-09-907-824-137	Sequence 137, App
15	1101	98.7	382	9 US-09-907-841-137	Sequence 137, App
16	1101	98.7	382	10 US-09-904-011-137	Sequence 137, App
17	1101	98.7	382	10 US-09-903-640-137	Sequence 137, App
18	1101	98.7	382	10 US-09-908-093-137	Sequence 137, App
19	1101	98.7	382	10 US-09-906-742-137	Sequence 137, App
20	1101	98.7	382	10 US-09-906-838-137	Sequence 137, App
21	1101	98.7	382	10 US-09-907-613-137	Sequence 137, App
22	1101	98.7	382	10 US-09-907-942-137	Sequence 137, App
23	1101	98.7	382	10 US-09-904-859-137	Sequence 137, App
24	1101	98.7	382	10 US-09-909-204-137	Sequence 137, App
25	1101	98.7	382	10 US-09-904-820-137	Sequence 137, App
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37	1101	98.7	382	10 US-09-904-462-137	Sequence 137, App
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45	1101	98.7	382	10 US-09-904-485-137	Sequence 137, App

ALIGNMENTS

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; Sequence 5, Application US/09887855
; Patent No. US20020058310A1
; GENERAL INFORMATION:
; APPLICANT: Immunex Corporation
; APPLICANT: Anderson, Dirk M
; TITLE OF INVENTION: LECTIN SS3939 DNA AND POLYPEPTIDES.
; FILE REFERENCE: 2883-US
; CURRENT APPLICATION NUMBER: US/09/887,855
; CURRENT FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 206
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-887-855-5

Query Match 100.0%; Score 1115; DB 9; Length 206;
Best Local Similarity 100.0%; Pred. No. 7.1e-101;
Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAEACRRDGGQLVSI	EDEQKL 60
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QY	61	IEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSI	SQFRNWWYVDEPSCSEV 120
Db	61	IEKFIENLLPSDGFWIGLRRREKQSNSTACQDLYAWTDGSI	SQFRNWWYVDEPSCSEV 120
QY	121	CVVMYHQPAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGETLTPV	180
Db	121	CVVMYHQPAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGETLTPV	180


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; PRIOR FILING DATE: 1998-07-30
; PRIOR APPLICATION NUMBER: 60/095,486
; PRIOR FILING DATE: 1998-08-05
; PRIOR APPLICATION NUMBER: 60/096,319
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: 60/095,454
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 60/095,455
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 166
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (84)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (112)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-351-334-166

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; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.

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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,320
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
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; PRIOR FILING DATE: 1999-07-07
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; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-909-320-137

Query Match      98.7%; Score 1101; DB 9; Length 382;
Best Local Similarity 96.3%; Pred. No. 3.7e-99;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy      1  ATGRLLS-----GQPVCRGGTQPCYKVIYFHDTSRRLNPFEEAKEACRRDGGQLVSI 52
Db      22  ATGRLLSASDLDLRGGQPVCRGGTQPCYKVIYFHDTSRRLNPFEEAKEACRRDGGQLVSI 81

Qy      53  ESEDEOKLIEKFIEIENLLPSDGFWIGLRRREEKQSNSTACQDIYAWTDGSIQFRNWWYVD 112
Db      82  ESEDEOKLIEKFIEIENLLPSDGFWIGLRRREEKQSNSTACQDIYAWTDGSIQFRNWWYVD 141

Qy     113  EPSCSEVCVMYHQPAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGE 172
Db     142  EPSCSEVCVMYHQPAPAGIGGPFYMFQWDDRCNMKNFNICKYSDEKPAVPSREAEGE 201

Qy     173  ETELTTPVLPEETQEEDAKKTFKESREAALNLAY 206
Db     202  ETELTTPVLPEETQEEDAKKTFKESREAALNLAY 235

RESULT 11
US-09-909-088B-137
; Sequence 137, Application US/09909088B
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; Patent No. US20020146709A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,088B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-909-088B-137
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; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-905-291A-137

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US-09-905-291A-137	Query Match	98.7%;	Score 1101;	DB 9;	Length 382;
	Best Local Similarity	96.3%;	Pred. No. 3.7e-99;		
	Matches 206;	Conservative	0;	Mismatches	0;
				Indels	8;
				Gaps	1
QY	1	ATGRLLS-----GQPVCRGGTQRPCYKVIYFHDTSRRLLNFEEAKEACRRDGGQLVSI	52		
Db	22	ATGRLLSASDLDLRGGQPVCRGGTQRPCYKVIYFHDTSRRLLNFEEAKEACRRDGGQLVSI	81		
QY	53	ESEDEQKLIIEKFIEIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSI SQFRNWWVD	112		
Db	82	ESEDEQKLIIEKFIEIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSI SQFRNWWVD	141		
QY	113	EPSCGSEVCVMYHQPAPAGIGGPPYMFQWNDRCNMKNFICKYSDEKPAVPSREAEGE	172		
Db	142	EPSCGSEVCVMYHQPAPAGIGGPPYMFQWNDRCNMKNFICKYSDEKPAVPSREAEGE	201		
QY	173	ETELTTPVLPEETQEEADAKKTFKESREAAINLAY	206		
Db	202	ETELTTPVLPEETQEEADAKKTFKESREAAINLAY	235		

RESULT 13
US-09-902-853-137
; Sequence 137, Application US/09902853
; Publication No. US20020192659A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

```
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-902-853-137

Query Match          98.7%; Score 1101; DB 9; Length 382;
Best Local Similarity 96.3%; Pred. No. 3.7e-99;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy      1  ATGRLLS-----GQVCRGGTQPCYKVIYFHDTSRLNPFEEAKEACRRDGGQLVSI 52
Db      22  ATGRLLSASDLDLRGGQPCVCRGGTQPCYKVIYFHDTSRLNPFEEAKEACRRDGGQLVSI 81
Qy      53  ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACODLYAWTDGSI SQFRNYYVD 112
Db      82  ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACODLYAWTDGSI SQFRNYYVD 141
Qy      113  EPSCGSEVCVMYHQPSAPAGIGPYMFQWDDRCNMKNPFICKYSDEKPAVPSREAEGE 172
Db      142  EPSCGSEVCVMYHQPSAPAGIGPYMFQWDDRCNMKNPFICKYSDEKPAVPSREAEGE 201
Qy      173  ETELTPVLPEETQEEADAKTKFKESREAAALNLAY 206
Db      202  ETELTPVLPEETQEEADAKTKFKESREAAALNLAY 235

RESULT 14
US-09-907-824-137
; Sequence 137, Application US/09907824
; Publication No. US20020197671A1
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; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,824
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-137
```

Query Match 98.7%; Score 1101; DB 9; Length 382;
Best Local Similarity 96.3%; Pred. No. 3.7e-99;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY	1	ATGRLLS-----GQPVCRGCTQRPCYKVIYFHTDSRRLNFEAAKACRRDGGQLVSI	32
Db	22	ATGRLLSASDLLDLRGQGPVCRGCTQRPCYKVIYFHTDSRRLNFEAAKACRRDGGQLVSI	81
QY	53	ESEDEQKLIIEKFIEIENLLPSDGFWIGLRRREKQKSNSTACQDLYAWTDGSIQFRNYYVD	112
Db	82	ESEDEQKLIIEKFIEIENLLPSDGFWIGLRRREKQKSNSTACQDLYAWTDGSIQFRNYYVD	141
QY	113	EPSCGSEVCVVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFFICKYSDEKPAVPSREAEGE	172
Db	142	EPSCGSEVCVVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFFICKYSDEKPAVPSREAEGE	201
QY	173	ETELTTPVLPEETQEEADAKKTFKESREAAINLAY	206
Db	202	ETELTTPVLPEETQEEADAKKTFKESREAAINLAY	235

RESULT 15

US-09-907-841-137

; Sequence 137, Application US/09907841

; Publication No. US20020198366A1

; GENERAL INFORMATION:

; APPLICANT: Genentech, Inc.

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth, J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Mather, Jennie P.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William, I.

; APPLICANT: Wood, William, I.

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; TITLE OF INVENTION: Secreted and Transmembrane Protein
;
; FILE REFERENCE: 10466-14
;
; CURRENT APPLICATION NUMBER: US/09/907,841
;
; CURRENT FILING DATE: 2001-11-20
;
; PRIOR APPLICATION NUMBER: PCT/US00/04414
;
; PRIOR FILING DATE: 2000-02-22
;
; PRIOR APPLICATION NUMBER: US 60/143,048
;
; PRIOR FILING DATE: 1999-07-07
;
; PRIOR APPLICATION NUMBER: US 60/145,698
;
; PRIOR FILING DATE: 1999-07-26
;
; PRIOR APPLICATION NUMBER: US 60/146,222
;
; PRIOR FILING DATE: 1999-07-28
;
; PRIOR APPLICATION NUMBER: PCT/US99/20594
;
; PRIOR FILING DATE: 1999-09-08
;
; PRIOR APPLICATION NUMBER: PCT/US99/20944
;
; PRIOR FILING DATE: 1999-09-13
;
; PRIOR APPLICATION NUMBER: PCT/US99/21090
;
; PRIOR FILING DATE: 1999-09-15
;
; PRIOR APPLICATION NUMBER: PCT/US99/21547
;
; PRIOR FILING DATE: 1999-09-15
;

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QY	113	EPSCGSEVCVVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE	172
Db	142	EPSCGSEVCVVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE	201
QY	173	ETELTTPVLPEETQGEEDAKKTFKESREAAINLAY	206
	202	ETETLTPVLPEETQGEEDAKKTFKESREAAINLAY	235

Db 142 EPSCGSEVGVVYHQPSAPAGIGGYPYFQWDDRCNMKNFFICKYSDEKPAVPSREAE 200

QY 173 ETELTPVLPEETQEDAKTKFKESREAAINLAY 206

Db 202 ETELTPVLPEETQEDAKTKFKESREAAINLAY 235

Search completed: July 11, 2005, 18:36:12
Job time : 93.4062 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 11, 2005, 18:00:21 ; Search time 26.2121 Seconds
(without alignments)
586.665 Million cell updates/sec

Title: US-09-887-855-2_COPY_22_227
Perfect score: 1115
Sequence: 1 ATGRLLSGQPVCRGGTQRPC.....EEDAKKTFKESREALNLAY 206

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1105	99.1	374	4	US-09-489-847-166
2	1101	98.7	382	4	US-09-907-794A-137
3	1101	98.7	382	4	US-09-905-125A-137
4	1101	98.7	382	4	US-09-902-775A-137
5	1101	98.7	382	4	US-09-906-700-137
6	1101	98.7	382	4	US-09-903-603A-137
7	1101	98.7	382	4	US-09-904-920A-137
8	1101	98.7	382	4	US-09-909-064-137
9	1101	98.7	382	4	US-09-905-381A-137
10	1101	98.7	382	4	US-09-906-618-137
11	939.5	84.3	260	4	US-09-638-203-3
12	561.5	50.4	273	4	US-09-638-203-2
13	240	21.5	81	4	US-09-489-847-325
14	240	21.5	82	4	US-09-489-847-234
15	240	21.5	115	4	US-09-489-847-324
16	182	16.3	1456	4	US-09-976-594-168
17	178.5	16.0	1455	3	US-08-840-062-5
18	176.5	15.8	1479	3	US-08-840-062-4
19	174	15.6	1257	1	US-08-340-428B-49
20	174	15.6	2409	6	5180808-2
21	174	15.6	2409	6	5180808-2
22	170.5	15.3	1479	3	US-08-840-062-2
23	152	13.6	912	5	PCT-US95-03747-2
24	151	13.5	197	4	US-09-602-877A-99
25	149.5	13.4	455	4	US-09-866-028-50
26	149.5	13.4	455	4	US-09-944-457-50
27	149	13.4	174	1	US-07-641-971B-1

28	149	13.4	174	1	US-07-781-248A-1	Sequence 1, Appli
29	149	13.4	320	1	US-08-365-103B-10	Sequence 10, Appli
30	149	13.4	321	1	US-08-365-103B-8	Sequence 8, Appli
31	148.5	13.3	652	2	US-08-751-305-2	Sequence 2, Appli
32	144.5	13.0	404	3	US-09-517-605-2	Sequence 2, Appli
33	143.5	12.9	372	2	US-08-513-278-4	Sequence 4, Appli
34	143.5	12.9	372	6	5514582-4	Patent No. 5514582
35	143.5	12.9	372	6	5514582-4	Patent No. 5514582
36	142	12.7	1487	3	US-08-840-062-7	Sequence 7, Appli
37	141.5	12.7	125	3	US-08-722-126A-7	Sequence 7, Appli
38	141.5	12.7	125	5	PCT-US95-04258-7	Sequence 7, Appli
39	141.5	12.7	287	1	US-08-365-103B-4	Sequence 4, Appli
40	141.5	12.7	300	1	US-08-365-103B-6	Sequence 6, Appli
41	141.5	12.7	327	1	US-08-365-103B-2	Sequence 2, Appli
42	139	12.5	248	4	US-09-600-932-28	Sequence 28, Appli
43	139	12.5	248	4	US-09-949-016-6612	Sequence 6612, Ap
44	139	12.5	251	4	US-09-949-016-8481	Sequence 8481, Ap
45	139	12.5	251	4	US-09-949-016-9058	Sequence 9058, Ap

ALIGNMENTS

RESULT 1
US-09-489-847-166
; Sequence 166, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 166
; LENGTH: 374
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (84)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (112)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-489-847-166

Query Match 99.1%; Score 1105; DB 4; Length 374;
Best Local Similarity 99.0%; Pred. No. 2.7e-107;
Matches 204; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy	1	ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL	60
Db	22	ATGRLLSGQPVCRGGTQRPCYKVIYFHDTSRRLNFEAKEACRRDGGQLVSIESEDEQKL	81
Qy	61	IEKFIENLLPSDGDGFWIGLRRREKQSNSTACQDLYAWTDGSIQFRNWWYDEPSCGSEV	120
Db	82	IEKFIENLLPSDGDGFWIGLRRREKQSNSTXCQDLYAWTDGSIQFRNWWYDEPSCGSEV	141

; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-905-125A-137

Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 ATGRLLS-----GQVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
|||||
Db 22 ATGRLLSASDLDLRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 81

QY 53 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNMYVD 112
|||||
Db 82 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNMYVD 141

QY 113 EPSCGSEVCVMYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE 172
|||||
Db 142 EPSCGSEVCVMYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE 201

QY 173 ETELTPVLPEETOEDAKKTFKESREAAALNLAY 206
|||||
Db 202 ETELTPVLPEETOEDAKKTFKESREAAALNLAY 235

RESULT 4
US-09-902-775A-137
; Sequence 137, Application US/09902775A
; Patent No. 6686451
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.

; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,775A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-902-775A-137

Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 ATGRLLS-----GQVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
|||||
Db 22 ATGRLLSASDLDLRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 81

QY 53 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNMYVD 112
|||||
Db 82 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNMYVD 141

QY 113 EPSCGSEVCVMYHQPAPAGIGGPPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE 172

Db	142	EPSCSEVCVMYHQPSAPAGIGPYMFQWDDRCNMKNFI CKYSDEKPAVPSREAEGE	201
Qy	173	ETELTPVLPEETOEDAKTKFESREAAALNLAY	206
Db	202	ETELTPVLPEETOEDAKTKFESREAAALNLAY	235

RESULT 5
US-09-906-700-137
; Sequence 137, Application US/09906700
; Patent No. 6723535
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,700
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20

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; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: prt
; ORGANISM: Homo sapiens
; US-09-906-700-137

Query Match      98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

Qy    1   ATGRLLS-----GQPVCRRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db          |||||||
           22 ATGRLLSASDLLRGQQPVCRRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 81
Qy          |||||||
           53 ESEDEQKLIEKFIENTLPSDGDFWIGLRREEKQSNSSTACQDLYAWTGDSISQFRNWYVD 112
Db          |||||||
           82 ESEDEQKLIEKFIENTLPSDGDFWIGLRREEKQSNSSTACQDLYAWTGDSISQFRNWYVD 141
Qy          |||||||
          113 EPSCGSEVCVMYHQPSAPAGIGGPYMFQWNDDRCNMKNFNFI CKYSDEKPVPSPREAEGE 172
Db          |||||||
          142 EPSCGSEVCVMYHQPSAPAGIGGPYMFQWNDDRCNMKNFNFI CKYSDEKPVPSPREAEGE 201
Qy          |||||||
          173 ETELTTPVLPEETOEDAKKTFFKESREAAALNLAY 206
Db          |||||||
          202 ETELTTPVLPEETOEDAKKTFFKESREAAALNLAY 235
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RESULT 6
US-09-903-603A-137
; Sequence 137, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE.1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26

; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-903-603A-137

Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 ATGRLLS-----GQVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db 22 ATGRLLSASDLRLGGQPCVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 81

QY 53 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVD 112
Db 82 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVD 141

QY 113 EPSCGSEVCVMYHQPAPAGIGGPFMFQWDDRCNMKNFICKYSDEKPAVPSRAEAGE 172
Db 142 EPSCGSEVCVMYHQPAPAGIGGPFMFQWDDRCNMKNFICKYSDEKPAVPSRAEAGE 201

QY 173 ETELTPVLPEETQEEDAKKTFKESREAAALNLAY 206
Db 202 ETELTPVLPEETQEEDAKKTFKESREAAALNLAY 235

RESULT 7
US-09-904-920A-137
; Sequence 137, Application US/09904920A
; Patent No. 6806352
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,920A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-904-920A-137

Query Match 98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred. No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY 1 ATGRLLS-----GQVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 52
Db 22 ATGRLLSASDLRLGGQPCVCRGGTQPCYKVIYFHDTSRRLNFEEAKEACRRDGGQLVSI 81

QY 53 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVD 112
Db 82 ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSIQFRNWWYVD 141

QY 113 EPSCGSEVCVMYHQPAPAGIGGPFMFQWDDRCNMKNFICKYSDEKPAVPSRAEAGE 172

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Db      142 EPSCGSEVCVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE 201
QY      173 ETELTPVLPEETQEEDAKKTFKESREAALNLAY 206
Db      202 ETELTPVLPEETQEEDAKKTFKESREAALNLAY 235

RESULT 8
US-09-909-064-137
; Sequence 137, Application US/09909064
; Patent No. 6818449
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,064
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
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; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 137
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-064-137

Query Match      98.7%; Score 1101; DB 4; Length 382;
Best Local Similarity 96.3%; Pred.No. 7.3e-107;
Matches 206; Conservative 0; Mismatches 0; Indels 8; Gaps 1;

QY      1 ATGRLLS-----GQPVCRGGTQRPCKVIYFHDTSRRLNFEBAKEACRRDGGQLVSI 52
Db      22 ATGRLLSASDLDLRGQPVCRGGTQRPCKVIYFHDTSRRLNFEBAKEACRRDGGQLVSI 81
QY      53 ESEDEQKLIKPIENLLPSDGFWIGLRREEKQSNSTACQDLYAWTDGSI SQFRNWWYVD 112
Db      82 ESEDEQKLIKPIENLLPSDGFWIGLRREEKQSNSTACQDLYAWTDGSI SQFRNWWYVD 141
QY      113 EPSCGSEVCVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE 172
Db      142 EPSCGSEVCVMYHQPSAPAGIGGYPYMFQWDDRCNMKNFICKYSDEKPAVPSREAEGE 201
QY      173 ETELTPVLPEETQEEDAKKTFKESREAALNLAY 206
Db      202 ETELTPVLPEETQEEDAKKTFKESREAALNLAY 235

RESULT 9
US-09-905-381A-137
; Sequence 137, Application US/09905381A
; Patent No. 6818746
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,381A
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
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; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn ver. 2.0

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Query Match 21.5%; Score 240; DB 4; Length 82;
Best Local Similarity 100.0%; Pred. No. 1.3e-17;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGRLLSGQPCVCRGGTQPCYKYIYFHDTSRRLNFEAAECRR 44
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Db 22 ATGRLLSGQPCVCRGGTQPCYKYIYFHDTSRRLNFEAAECRR 65

RESULT 15

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US-09-489-847-324
; Sequence 324, Application US/09489847
; Patent No. 6476195
; GENERAL INFORMATION:
; APPLICANT: Rosen et al
; TITLE OF INVENTION: 98 Human Secreted Proteins
; FILE REFERENCE: PZ031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
; EARLIER APPLICATION NUMBER: PCT/US99/17130
; EARLIER FILING DATE: 1999-07-29
; EARLIER APPLICATION NUMBER: 60/094,657
; EARLIER FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 60/095,486
; EARLIER FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: 60/096,319
; EARLIER FILING DATE: 1998-08-12
; EARLIER APPLICATION NUMBER: 60/095,454
; EARLIER FILING DATE: 1998-08-06
; EARLIER APPLICATION NUMBER: 60/095,455
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 376
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 324
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-489-847-324

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Query Match      21.5%; Score 240; DB 4; Length 115;
Best Local Similarity 100.0%; Pred. No. 2e-17;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 ATGRLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKEACRR 44
Db 56 ATGRLLSGQPVCRGGTQPCYKVIYFHDTSRRLNFEAAKEACRR 99

Search completed: July 11, 2005, 18:14:37
Job time : 28.2121 secs

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